BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer, Rajarajeshwari Nagara Division, RR Nagara Zone, B.B.M.P., Bangalore.

Tender Notification No: RRND/EE/Tend/03/2021-22 Date: 29.06.2021

Indent No: BBMP/2021-22/OW/WORK_INDENT47783

SCHEDULE -B

Name of Work: Redesign and Upgrading of existing Musicle Fountain interfaced with multimedia based laser and video projection on Aqua Screen at J.P.Park ward no 17 under PACKAGE-2019-20 RRN-DIV-(08).

Sl.No	Qty	Description of work	Unit	In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	13.50	Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	272.00	Rupees Two Hundred Seventy Two Only
2	40.00	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in hard soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications.	Cum	309.00	Rupees Three Hundred Nine Only
3	15.36	KSRB-3.2: Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured)	Cum	116.00	Rupees One Hundred Sixteen Only
4	2.88	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete.	Cum	5783.00	Rupees Five Thousand Seven Hundred Eighty Three Only
5	3.26	Providing and constructing granite/ trap/basalt size stone masonry in foundation in CM 1:6 stone hammed dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials labour, curing etc., complete as per specifications.	Cum	5013.00	Rupees Five Thousand Thirteen Only

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6	2.45	Providing and constructing granite/trap/basalt/size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labhour, curing complete as per specifications.	Cum	5981.00	Rupees Five Thousand Nine Hundred Eighty One Only
7	15.62	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	7005.00	Rupees Seven Thousand Five Only
8	114.72	Providing and removing centering, shuttering, strutting, propping etc., and removal form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of materials, labhour complete as per specification.	Sqm	391.00	Rupees Three Hundred Ninety One Only
9	15.36	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm	480.00	Rupees Four Hundred Eighty Only
10	1.87	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wiere and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials labour HOM of machinery complete	Tonne	85090.00	Rupees Eighty Five Thousand Ninety Only
11	56.31	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm	1004.00	Rupees One Thousand Four Only
12	15.36	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering,: providing and removing scaffolding, including cost of materials,labhour, curing complete as per specifications.	Sqm	285.00	Rupees Two Hundred Eighty Five Only

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13	44.55	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal)	Sqm	292.00	Rupees Two Hundred Ninety Two Only
14	49.91	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering,: providing and removing scaffolding, including cost of materials,labhour, curing complete as per specifications.	Sqm	311.00	Rupees Three Hundred Eleven Only
15	59.91	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.	Sqm	35.00	Rupees Thirty Five Only
16	13.76	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. do- using silver grey granite / Multy Red / Ruby Red / Black / Hassan Green Granite of width not less than 1200mm	Sqm	2988.00	Rupees Two Thousand Nine Hundred Eighty Eight Only
17	59.91	Providing and finishing external walls in two coats with primer water proof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete. with primer	Sqm	111.00	Rupees One Hundred Eleven Only
18	49.91	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, the surface is then cleaned with water and ensured that it is in line and level. The textured material is then mixed with 40-50% of clean water until a homogeneous thick slurry is formed, the slurry is left for 5-10 min, to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray gun/putty/ blade/ trowel to get the desired finish. The finished surface shall be applied with two coats of exterior paint of approved shade. The rate includes providing and removing scaffolding, all lead and lift and all other incidental charges etc., complete as per directions of the Engineer-in-charge o f the work .	Sqm	479.00	Rupees Four Hundred Seventy Nine Only
19	37.80	Providing and fixing in position MS grill work for windows & ventilators weighing 21 kg/Sqm using MS flats or MS square rods or combination of MS flats & square rods as per design drawing including cutting steel sections welding the same to required pattern with a coat of red lead primer, including cost of materials, fixtures, labhour charges and HOM of machineries complete	Kgs	104.00	Rupees One Hundred Four Only

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20	6.00	SOLID PVC DOOR FRAME : Providing and fixing factory made PVC door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners and jointed 2 nos. of 150 mm long brackets of 15mm x 15mm MS square tube the entire door frame to be reinforced with 19mm x 19mm gauge. The frame to be fixed to the wall using MS screws of 65/80 mm size complete.	rmtr	510.00	Rupees Five Hundred Ten Only
21	1.89	SOLID PANEL PVC DOOR SHUTTER : Providing and fixing 30mm factory made rigid foam panelled door shutter made of MS tube of 19 gauge thickness size 19mm x 19mm from styles and 15mm x 15mm for top and bottome rails, covered with heat moulded PVC channel of 5mm thick sheet and 30mm x 50mm wide to form styles and 5mm thick 75mm wide PVC sheets for top rails, lock rails and bottom rails, on either side and 5mm thick 20mm wide PVC sheet as gap inset for top rails and bottom rails panelling of 5mm thick PVC sheet fitted in the MS frame, seales to the styles and rails with 5 x 30mm PVC sheet beading on either side and joined together with solvent cement adhesive etc., complete as per manufactures specifications and directions as per engineer-in-charge fixed to frames with 3 nos of 75mm aluminium hinge.With both side prelam.	Sqm	4086.00	Rupees Four Thousand Eighty Six Only
22	1.80	KSRB 7.12 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using four track window frame of size 122.2x31.75mm. for bottom section 1.1mm thick, weight 1.205 kg/m; sides and top sections 1.2 mm. thick weight 1.093 kg/m; shutter section comprising top and bottom section of size 40mmx18mm wall thickness 1.25mm. weight 0.417 kg./m, shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. weight 0.469 kg/m; shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading including cutting to required length, joints mitred subdividing the frame, tenonned and rivetted in the assembled frame to be stiffened with end clips at corners, angles etc.; fixed to the walls, lintels, floor beams;cills, as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar; aluminium sections pretreated for removal of any rust and coated with greasy	Sqm	4061.00	Rupees Four Thousand Sixty One Only
23	1.00	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labhour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity).	Each	7448.00	Rupees Seven Thousand Four Hundred Forty Eight Only
24	1.00	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P.brass pillar taps with C.I./ M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labhour complete as per specifications.	Nos	4371.00	Rupees Four Thousand Three Hundred Seventy One Only

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25	1.00	Providing and fixing 453x357mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labhour complete as per specifications.	Nos	1239.00	Rupees One Thousand Two Hundred Thirty Nine Only
26	1.00	Providing and fixing C.P. brass towel rail 600mm length, 20mm dia with C.P.brackets, fixed to wooden cleats with C.P.brass screws including cost of materials,labhour complete as per specifications.	Mtrs	735.00	Rupees Seven Hundred Thirty Five Only
27	50.00	Providing and fixing to wall, ceiling and floor high density polyethlene pipes 6.00 kgf/sq.cm working pressure 90mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labhour charges, HOM of equipments and testing complete as per specifications.	Mtrs	543.00	Rupees Five Hundred Forty Three Only
28	25.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) 20mm pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, including fixing the pipe and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete(concealed work including cutting chases and good the walls etc, .	Mtrs	256.00	Rupees Two Hundred Fifty Six Only
29	15.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) 25mm pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, including fixing the pipe and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete(concealed work including cutting chases and good the walls etc,	Mtrs	320.00	Rupees Three Hundred Twenty Only
30	1.00	Providing and fixing in position brass stock cock of approved quality 20mm nominal bore including cost of all materials, labhour and HOM of equipements with all leads complete as per specifications.	Mtrs	154.00	Rupees One Hundred Fifty Four Only
31	2.00	Providing stoneware gully trap 15cms x 10cms of approved quality and make fixing in M15 and plastering with CM 1:3 wherever necessary.(Rate includes cost of all material, fixture and lead)	Nos	305.00	Rupees Three Hundred Five Only
32	1.00	Providing and fixing 7.5cm to 15 cms dia NP grating 100 mm dia.	Nos	164.00	Rupees One Hundred Sixty Four Only
33	15.36	Providing and laying in position yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour etc., complete .	Sqm	1067.00	Rupees One Thousand Sixty Seven Only
34	10.00	CONCEALED CONDUIT SYSTEM: Supplying …… mm dia 2mm 2.5mm thick heavy gauge PVC Conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18 SWG GI fish wire wherever necessary. ----------a) 19/20mm dia 2mm thick	Mtrs	40.00	Rupees Forty Only

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35	8.00	b) 25mm dia 2mm thick	Mtrs	54.00	Rupees Fifty Four Only
36	15.00	c) 32mm dia 2mm thick	Mtrs	84.00	Rupees Eighty Four Only
37	20.00	d) 40mm dia 2mm thick	Mtrs	96.00	Rupees Ninety Six Only
38	3.00	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of primer of approved makes etc., ----------75x75x65mm	Each	88.00	Rupees Eighty Eight Only
39	2.00	135x75x65mm	Each	96.00	Rupees Ninety Six Only
40	1.00	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. ----------a) 12"x12"x3" (300x228x76mm)	Each	103.00	Rupees One Hundred Three Only
41	2.00	b) 12"x9"x3" (300x228x76mm)	Each	87.00	Rupees Eighty Seven Only
42	1.00	c) 4"x4"x3" (101x101x76mm)	Each	61.00	Rupees Sixty One Only
43	3.00	1 to 2 way	Each	33.00	Rupees Thirty Three Only
44	4.00	3 to 4 way	Each	40.00	Rupees Forty Only
45	2.00	Supplying and fixing PVC/metal conduit Deep junction box ----------19/20mm deep junction box	Each	43.00	Rupees Forty Three Only
46	3.00	25mm deep junction box	Each	47.00	Rupees Forty Seven Only
47	4.00	32mm deep junction box	Each	61.00	Rupees Sixty One Only
48	25.00	Extra for groove cutting in brick wall /CC floor' to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete	Mtr	21.00	Rupees Twenty One Only
49	4.00	Suplplying and fixing "S" Hook made out of 14mm dia M.S. rod	Nos	34.00	Rupees Thirty Four Only
50	1.00	Suplplying and fixing Metal fan box with round hook.	Nos	86.00	Rupees Eighty Six Only
51	20.00	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP Control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet. I Point wiring using class A Materials ----------a) Short point upto 3Mtrs from tapping point to out let via switch	each	202.00	Rupees Two Hundred Two Only
52	25.00	b) Medium point above 3Mtrs upto 6Mtr from Tapping point to out let via switch	each	278.00	Rupees Two Hundred Seventy Eight Only
53	25.00	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring. I Group A ----------a) 1 sqmm	Mtrs	13.00	Rupees Thirteen Only

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54	15.00	b) 2.5 Sqmm	Mtrs	29.00	Rupees Twenty Nine Only
55	20.00	c) 4.0 sqmm	Mtrs	43.00	Rupees Forty Three Only
56	16.00	d) 6.0 sqmm	Mtrs	64.00	Rupees Sixty Four Only
57	5.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box. ---------- 3.6.1) 1 to 3 module	Each	111.00	Rupees One Hundred Eleven Only
58	6.00	3.6.2) 4 module	Each	126.00	Rupees One Hundred Twenty Six Only
59	10.00	3.6.3) 6 module	Each	177.00	Rupees One Hundred Seventy Seven Only
60	2.00	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burring hours. Operating voltage range from 180V to 265V, 50Hz AC power Supply	each	160.00	Rupees One Hundred Sixty Only
61	1.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. ----------1) 50-63 Amps SP	each	730.00	Rupees Seven Hundred Thirty Only
62	1.00	2) 6-32 Amps SP	each	438.00	Rupees Four Hundred Thirty Eight Only
63	1.00	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains,Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have inhouse facility accredited by NABL/CPRI & any Government certified agency & Design	Each	7575.00	Rupees Seven Thousand Five Hundred Seventy Five Only

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64	1000.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws.	Sqcm	0.18	Rupees And Paise Eighteen Only
65	1.00	Supplying capacitor type ceiling fan complete with dawn rod blades, shackle, canopies etc., for operation on 230 Volts, 50 Cycles, Single Phase AC Supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved. 1 48" Sweep (1200 mm)	Sqcm	2111.00	Rupees Two Thousand One Hundred Eleven Only
66	1.00	Supplying and fixing of modular switch/Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.I. Using Group "B" materials ---------3.7.16) Stepped Fan Regulator	each	293.00	Rupees Two Hundred Ninety Three Only
67	2.00	3.7.11) TV/Telephone socket	each	80.00	Rupees Eighty Only
68	3.00	3.7.12) RJ45/I.O. outlet	each	197.00	Rupees One Hundred Ninety Seven Only
69	1.00	Fixing a Ceiling/Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely.	each	152.00	Rupees One Hundred Fifty Two Only
70	1.00	Supplying and fixing Moulded Cases Cicuit Breaker (MCCB) over the existing wood/panel/ board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947.(Icu = Ics) ----------6.13.1) 100Amps 25kA.	Each	4575.00	Rupees Four Thousand Five Hundred Seventy Five Only
71	1.00	6.13.4) 250Amps 35kA.	Each	15504.00	Rupees Fifteen Thousand Five Hundred Four Only
72	2.00	Supplying, fixing wiring earth electrode for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12 mm dia.	Nos	3030.00	Rupees Three Thousand Thirty Only
73	20.00	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Class I. Class 'A' PVC Cable -	Mtrs	152.00	Rupees One Hundred Fifty Two Only
74	20.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I. In existing trench /duct.	Mtrs	12.00	Rupees Twelve Only
75	15.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.	Mtrs	114.00	Rupees One Hundred Fourteen Only

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76	1.00	Geophysical investigation of site for sinking borewell for supply drinking water to the habitation either through the hand pump M.W.S or P.W.S.S by vertical electrical sounding by adopting venner or schlumberger's method including reconnaissance survey of geological formation Geophysical investigation of existing ground water infecundity its quality, quantity & acceptability of the user indicating the location of site recommended depth of casting pipe required to seal the top in consolidated formation including an extra depth of 1.00 Mtr in consolidated formation of proper scatting of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation technical personal and labour etc.,	Nos	3806.00	Rupees Three Thousand Eight Hundred Six Only
77	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)0to50m	Rmtr	350.00	Rupees Three Hundred Fifty Only
78	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)50to100m	Rmtr	446.00	Rupees Four Hundred Forty Six Only
79	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)100to150m	Rmtr	461.00	Rupees Four Hundred Sixty One Only
80	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)150to200m	Rmtr	541.00	Rupees Five Hundred Forty One Only

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81	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)200to250m	Rmtr	640.00	Rupees Six Hundred Forty Only
82	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)250to300m	Rmtr	707.00	Rupees Seven Hundred Seven Only
83	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)300to350m	Rmtr	833.00	Rupees Eight Hundred Thirty Three Only
84	50.00	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)350 and Above	Rmtr	909.00	Rupees Nine Hundred Nine Only
85	30.00	Supply of ISI mark 175 mm nominal bore plain end steel casing pipe grade of steel Fe 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments electric resistance welded steel tube material and conformming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen preocess in random length of 54 to 7 mts both ends threaded conforming to IS 4270-2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be ISI marking weighing 25.10 kg/m (Inclusssive of all taxes and duties). Prices incluide collar-medium duty (Material component)	Mtrs	1338.00	Rupees One Thousand Three Hundred Thirty Eight Only
86	1.00	Supplying of 175 mm MS cap	each	101.00	Rupees One Hundred One Only
87	1.00	Supplying of 175 mm MS collars	each	152.00	Rupees One Hundred Fifty Two Only

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88	6.00	Providing and fixing PVC pipe 250 mm dia 6 kg/sqm BWSSB 2008-2009	rmtr	2626.00	Rupees Two Thousand Six Hundred Twenty Six Only
89	1.00	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage)	Set	50455.00	Rupees Fifty Thousand Four Hundred Fifty Five Only
90	300.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq.mm	Mtrs	128.00	Rupees One Hundred Twenty Eight Only
91	1.00	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications.	Each	1359.00	Rupees One Thousand Three Hundred Fifty Nine Only
92	1.00	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 40-63 Amps	Each	1955.00	Rupees One Thousand Nine Hundred Fifty Five Only
93	1.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia	Each	3030.00	Rupees Three Thousand Thirty Only
94	1.00	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63 Amps	Each	1955.00	Rupees One Thousand Nine Hundred Fifty Five Only
95	1.00	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps	Each	1818.00	Rupees One Thousand Eight Hundred Eighteen Only
96	1.00	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC	Each	434.00	Rupees Four Hundred Thirty Four Only
97	1.00	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Each	151.00	Rupees One Hundred Fifty One Only

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98	142.20	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.KSRRB M200-12.3. -d o -.prestressed/Reinforced cement concrete grade M-20 above.	cum	1733.00	Rupees One Thousand Seven Hundred Thirty Three Only
99	990.00	Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	cum	272.00	Rupees Two Hundred Seventy Two Only
100	1132.20	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms.(Refer Table.	cum	96.00	Rupees Ninety Six Only
101	222.75	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision	cum	2053.00	Rupees Two Thousand Fifty Three Only
102	99.00	Providing and Filling in foundation with granite/trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labhour with all lead and lift, complete as per specifications.	cum	2650.00	Rupees Two Thousand Six Hundred Fifty Only
103	495.00	KSRB-3.2: Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured)	sqm	116.00	Rupees One Hundred Sixteen Only
104	99.00	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete	cum	5932.00	Rupees Five Thousand Nine Hundred Thirty Two Only

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105	144.09	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-30	cum	6542.00	Rupees Six Thousand Five Hundred Forty Two Only
106	20.17	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500	Tonne	85090.00	Rupees Eighty Five Thousand Ninety Only
107	201.60	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	sqm	480.00	Rupees Four Hundred Eighty Only
108	595.80	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	sqm	231.00	Rupees Two Hundred Thirty One Only
109	595.80	KSRB15-4.4 Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, forcement mortar 1:4, 18mm thick cost of materials complete as per specifications.	sqm	10.00	Rupees Ten Only
110	629.40	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick	sqm	1386.00	Rupees One Thousand Three Hundred Eighty Six Only

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111	595.80	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole	sqm	1097.00	Rupees One Thousand Ninety Seven Only

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112	235.20	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	sqm	1344.00	Rupees One Thousand Three Hundred Forty Four Only
113	4.00	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over oltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm.Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with inimized minimal tools. LED Light fixture with .....W System Power consumption. LED fficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have inhouse facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 .	Nos	18584.00	Rupees Eighteen Thousand Five Hundred Eighty Four Only
114	451.47	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps staircase made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c fixed to the ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes fixed horizontally for 2-rows top, one pipes fixed with vertical pipes another one fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Sqm	5758.00	Rupees Five Thousand Seven Hundred Fifty Eight Only
115	49.00	Musical Fountain Proposal:----------SITC of Ultrafast Action Jet, in linear array, made of brass/Noryl construction with a maximum jet height of 10m.	Nos	22531.00	Rupees Twenty Two Thousand Five Hundred Thirty One Only
116	1.00	SITC of Centre Jet, in brass/Noryl construction, with a jet height of 9m.	Nos	14443.00	Rupees Fourteen Thousand Four Hundred Forty Three Only

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117	6.00	SITC of Straight jet made of brass/Noryl construction @ 1.6 m PCD with a jet height of 6m	Nos	15887.00	Rupees Fifteen Thousand Eight Hundred Eighty Seven Only
118	1.00	SITC of Sunburst jet, with aluminium header, each having 15 nos brass /noryl construction with a jet height of 5m.	Nos	72215.00	Rupees Seventy Two Thousand Two Hundred Fifteen Only
119	8.00	2D + Fan Swing Jet	Nos	281639.00	Rupees Two Lakh(s) Eighty One Thousand Six Hundred Thirty Nine Only
120	2.00	Inside Drop (1.6 m dia) with brass/noryl construction jet height 4m	Nos	43329.00	Rupees Forty Three Thousand Three Hundred Twenty Nine Only
121	2.00	Outside Drop (1.6 m dia) with brass/noryl construction jet height 2.5m	nos	57772.00	Rupees Fifty Seven Thousand Seven Hundred Seventy Two Only
122	2.00	Single Oscillating made aluminium fountain head,SSArm,brass/noryl construction nozzle jet height 5m	nos	10110.00	Rupees Ten Thousand One Hundred Ten Only
123	4.00	Dancing Peacock with aluminium fountain head,brass/noryl construction nozzle,SS Arm	nos	11554.00	Rupees Eleven Thousand Five Hundred Fifty Four Only
124	8.00	SITC of 2D Swing Jet, in SS construction, with a maximum jet height of 7m.	Nos	262863.00	Rupees Two Lakh(s) Sixty Two Thousand Eight Hundred Sixty Three Only
125	2.00	Arch Jet made of brass/noryl construction with a jet height 7m	Nos	20220.00	Rupees Twenty Thousand Two Hundred Twenty Only
126	1.00	Water Screen nozzle,capable of forming a water screen of size 9 m x 27 m.	Nos	592163.00	Rupees Five Lakh(s) Ninety Two Thousand One Hundred Sixty Three Only

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127	1.00	Supplying of manifold GI manifold, feeder pipework etcfor jets.	lot	288860.00	Rupees Two Lakh(s) Eighty Eight Thousand Eight Hundred Sixty Only
128	1.00	Galvanised manifold with necessary support stands, for Water Screen	Nos	115544.00	Rupees One Lakh(s) Fifteen Thousand Five Hundred Forty Four Only
129	2.00	Supplying and fixing of submersible pumps : Borewell pump, 25 hp with SS mesh for pit cover.	Nos	194981.00	Rupees One Lakh(s) Ninety Four Thousand Nine Hundred Eighty One Only
130	5.00	Borewell pump, 10 hp with SS mesh for pit cover.	Nos	103990.00	Rupees One Lakh(s) Three Thousand Nine Hundred Ninety Only
131	2.00	Borewell pump, 6 hp with SS mesh for pit cover.	Nos	90991.00	Rupees Ninety Thousand Nine Hundred Ninety One Only
132	8.00	Bore well pump, 2 hp	nos	47662.00	Rupees Forty Seven Thousand Six Hundred Sixty Two Only
133	87.00	Solenoid Valve: Fast acting solenoid valve of SS construction with 24 volt DC coil.	Nos	22531.00	Rupees Twenty Two Thousand Five Hundred Thirty One Only
134	1.00	Supply of gate valves, butterfly valves, check valves: CI butterfly valve	lot	12999.00	Rupees Twelve Thousand Nine Hundred Ninety Nine Only
135	1.00	CI check valve	lot	43329.00	Rupees Forty Three Thousand Three Hundred Twenty Nine Only
136	1.00	GM gate valves 25 mm,32 mm, 40 mm	lot	362230.00	Rupees Three Lakh(s) Sixty Two Thousand Two Hundred Thirty Only

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137	71.00	Waterproof LED light, IP 68, Noryl construction: Ring type LED light (RGB) 36 watt	Nos	14443.00	Rupees Fourteen Thousand Four Hundred Forty Three Only
138	58.00	LED light (RGB), 54 watt	nos	17332.00	Rupees Seventeen Thousand Three Hundred Thirty Two Only
139	6.00	Sound System: Speaker 500 watt, Make: JBL AW266 with weather proof enclosure	Nos	129987.00	Rupees One Lakh(s) Twenty Nine Thousand Nine Hundred Eighty Seven Only
140	2.00	Subwoofers, 800 watt, Make JBL PRX 418S with weather proof enclosure	Nos	190648.00	Rupees One Lakh(s) Ninety Thousand Six Hundred Forty Eight Only
141	4.00	Amplifier 1200 watt RMS, Make: CROWN CTs 1200	Nos	108323.00	Rupees One Lakh(s) Eight Thousand Three Hundred Twenty Three Only
142	1.00	Cross Over	Nos	64994.00	Rupees Sixty Four Thousand Nine Hundred Ninety Four Only
143	1.00	Audio splitter	Nos	97490.00	Rupees Ninety Seven Thousand Four Hundred Ninety Only
144	1.00	Audio Mixer	Nos	64994.00	Rupees Sixty Four Thousand Nine Hundred Ninety Four Only
145	1.00	Audio cable	lot	173316.00	Rupees One Lakh(s) Seventy Three Thousand Three Hundred Sixteen Only

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146	1.00	Video Projector: SITC of projector of 20000 lumens	Nos	5863858.00	Rupees Fifty Eight Lakh(s) Sixty Three Thousand Eight Hundred Fifty Eight Only
147	1.00	Laser: SITC of 5 watt Laser (RGB) along with Pangolin Beyond Essential.	Nos	1588730.00	Rupees Fifteen Lakh(s) Eighty Eight Thousand Seven Hundred Thirty Only
148	1.00	Control System & software: Programmed control with Sunlite software with valid license and computer with UPS.	Nos	722150.00	Rupees Seven Lakh(s) Twenty Two Thousand One Hundred Fifty Only
149	100.00	Cables Flat cable 6 sq.mm x 3 core	Mtrs	347.00	Rupees Three Hundred Forty Seven Only
150	650.00	Flat Cable 2.5 sq.mm x 3 core	Mtrs	140.00	Rupees One Hundred Forty Only
151	3000.00	1.5 sq.mm x 2 core flexible copper	Mtrs	59.00	Rupees Fifty Nine Only
152	35000.00	1.5 sq.mm x 4 core flexible copper	Mtrs	109.00	Rupees One Hundred Nine Only
153	1.00	Electrical Control Panel SITC of electrical panel for pumps, including VFD, with necessary starters, MCBs, single phase preventer, ammeter/ voltmeter.	Set	2036463.00	Rupees Twenty Lakh(s) Thirty Six Thousand Four Hundred Sixty Three Only
154	1.00	SITC of panels for sol valves with necessary transformers, Relay banks/ contactors/ MCBs.	set	433290.00	Rupees Four Lakh(s) Thirty Three Thousand Two Hundred Ninety Only
155	1.00	SITC of panels for LED lights with necessary transformers, Relay banks/ contactors/ MCBs.	set	758253.00	Rupees Seven Lakh(s) Fifty Eight Thousand Two Hundred Fifty Three Only
156	1.00	Power Distribution Panel	Nos	219153.00	Rupees Two Lakh(s) Nineteen Thousand One Hundred Fifty Three Only

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157	1.00	On line Uninterrupted Power supply 5 kVA for Laser & Projector.	Nos	920741.00	Rupees Nine Lakh(s) Twenty Thousand Seven Hundred Forty One Only
158	2.00	SITC of earth electrodes and earth plates with necessary copper flats.Lightening Arrester	Set	270806.00	Rupees Two Lakh(s) Seventy Thousand Eight Hundred Six Only
159	1.00	Fountain Programming: Integration of water effects, lights, etc in synchronisation with music 40 – 45 min duration.	each	324968.00	Rupees Three Lakh(s) Twenty Four Thousand Nine Hundred Sixty Eight Only
160	2.00	Customised Show in Telegu, 20 min duration (Concept & script will be provided by client)	Set	4890925.00	Rupees Forty Eight Lakh(s) Ninety Thousand Nine Hundred Twenty Five Only
161	1.00	O&M charges for 5 years for running Multimedia Laser Show Integrated with Musical Dancing Fountain and Water Screen at Jaya Prakash Narayana Park, Bangalore	Nos	9101575.00	Rupees Ninety One Lakh(s) One Thousand Five Hundred Seventy Five Only
162	1177.50	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	210.00	Rupees Two Hundred Ten Only
163	117.45	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications,	Cum	2600.00	Rupees Two Thousand Six Hundred Only
164	111.86	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.	Cum	5822.00	Rupees Five Thousand Eight Hundred Twenty Two Only
165	2372.58	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	383.00	Rupees Three Hundred Eighty Three Only

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166	577.19	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M20 for R.C.C works laid in 15 cms thick layers and well compacted by vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) .	Cum	6208.00	Rupees Six Thousand Two Hundred Eight Only
167	57.72	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. TMT bars Fe 550	Tonne	84107.00	Rupees Eighty Four Thousand One Hundred Seven Only
168	132.80	KSRB 2.6 : Providing and filling dust in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. specification.	Cum	1332.00	Rupees One Thousand Three Hundred Thirty Two Only
169	8096.43	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification	Kgs	119.00	Rupees One Hundred Nineteen Only
170	868.70	TENSILE ROOFING	Sqm	11312.00	Rupees Eleven Thousand Three Hundred Twelve Only
171	107.10	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doirections of the Enineer-in-charge. {Data Rate sheet enclosed}	Sqm	2360.00	Rupees Two Thousand Three Hundred Sixty Only

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172	32.40	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. With 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, rawl plugs, or teakc wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for	Sqm	4682.00	Rupees Four Thousand Six Hundred Eighty Two Only
173	680.40	KSRB 7.9 : Providing and fixing M.S.grill work for windows and Kg ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12	Kgs	102.00	Rupees One Hundred Two Only
174	37.80	KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101,6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1,505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred corners grinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and'fitted with screws, rawl- plugs or	sqm	6655.00	Rupees Six Thousand Six Hundred Fifty Five Only
175	360.00	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thickcement mortar for flooring, skirting and jointed with neat cement slurrymixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals,mortar, labour, etc., Complete as per specification	Sqm	1215.00	Rupees One Thousand Two Hundred Fifteen Only

For Sri Nanjundeshwara Construction

Proprietor

Signature of the contractor

Executive Engineer
RRNagara Division
BBMP